955/2018-19.

ಪ್ರ.ವಿಸ. ಮಾಡಿದ ಕೆಲಸಗಳ

ಅಸಾಂ: 24.06.2018 ರಂದು

ಮೊತ್ತ: 495401.00 ರೂ

ಮೊತ್ತ ಪ್ರತಿಶತದಲ್ಲಿ.

Executive Engineer 24/06
Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092
24/06 24/6.

M. A. R. 57 (Rule 116)
Measurement Book

Work Code: 005-19-000004
Est cost: 75.00 Lakhs

No. B

Serial No. .....
Name of Work providing CC Road and Improvements to 495401
drains in ward No 5 Byatarayanapura Sub Division
From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Name of contractor: Executive Engineer [ICRIDL] Karnataka Rural Infrastructure development Ltd. #280 5th Cross road, 17th C Main Road 3rd 'Y' Block Rajajinagar, Bangalore-10 | | | | | | |
| | Work order No. BBMP/EE/BTP/WO/457/18-19 Dt 17/10/18 | | | | | | |
| | (1) Earth work Excavation by manual means in ordinary soil involving an avg throw upto 2mts avg lift upto 0.5m excavates surface levels & sides neatly dressed the disposes earth to be leveled neatly after breaking of clods etc complete. | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty is as per premeasurement of this MB page 495461 to 495465 | | | | | = 821.14 m³ | |
| | ⓐ Rate 86.92/m³ | | | | | = 71373=48 | |
| ② | Removing B.S slab of Drain & stacking | | | | | | |
| | Qty is as per premeasurement of this MB | | | | | | |
| | ⓐ Rate 65.72/m² page 495465 | — | | | | = 116.9/m² | |
| | | | | | | = 7683=32 | |
| ③ | Refixing stone slabs of drains & pointing | | | | | | |
| | Qty as vide Item no 2 | — | | | | = 116.9/m² | |
| | ⓐ Rate 80.50/m² | | | | | = 9415=26 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| ④ | providing gra dressed & fixe complete Ambedkar |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| ent of this MB to 495465 | |
| = 821.14 m³ | |
| = 71373=48 | |
| + Stalling | |
| of this MB | |
| = 116.91 m² | |
| = 7683=32 | |
| + pointing | |
| = 116.91 m² | |
| = 9418=26 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

495402

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (4) providing granite slabs of Selected quality roughly dressed & fixed in C.M 1:6 including fixing curing etc complete | | | | | | |
| | Ambedkar Nagara Balance 3rd Cross Road | | | | | | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | |
| | | 2 | 30.00 | 1.65 | – | 99.00 | -792 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | M/C green Hill House Road | 2 | 7.20 | 1.65 | — | 23.76 | |
| | | 2 | 13.00 | 1.65 | — | 42.90 | |
| | Missing Slabs → | | | | | 62.94 | |
| | | | | | | 921.60 m² | |
| | | | Limited to | | | 921.53 m² | |
| | @ Rate 665.68/m² | | | | | = 613444.09 | |
| (5) | providing & laying in position P.C.C of mix M1:4:8 with 40 m.m & down size graded granite metal coarse aggregates & fine aggregates M/C mixed concreate laid in layers not exceeding 15 cm thick well compactes in foundation including cost of all | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | materials labou |
| | Qty is as per |
| | @ Rate 5159. |
| (6) | providing & |
| | with C.M 1:6 St |
| | less than 20 cm |
| | each course i |
| | etc complete |
| | Qty as premeasu |
| | @ Rate 4 |

| Contents 7 | Reference to last Measurement 8 |
|---|---|
| 7.92 | |
| 23.76 | |
| 42.90 | |
| 62.94 | |
| 921.60 m² | |
| 921.53 m² | |
| = 613444.09 | |
| c of mix M 1:4:8 granite metal gates M/c mixed ideering 15 cm thick ncluding cost of al | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495403

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | materials labour HOM & machinery curing etc complete qty is as per premeasurement of M/s MB page 49546 to 49546 | | | | | = 329.65 m³ | |
| | @ Rate 5159.02/m³ | | | | | = 1700670=94 | |
| (6) | providing & constructing granite/basalt SSM in foundation with c.m 1:6 stone hammered dressed in courses not less than 20cms Light bond stones at two m apart in each course including cost & materials labour curing etc complete. qty as premeasurement of M/s mp page: 49546 | | | | | = 14.81 m² | |
| | @ Rate 4438.22/m³ | | | | | = 65730.03 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (7) | providing & constructing granite/basalt stone masonry basement with C.M 1:6 in all stones chisel dressed in courses not less than 15cm Light bond stones at two m apart in each course including cost of all materials labour curing etc complete | | | | | | |
| | (1) | 2 | 3.70 | 0.50 | 0.23 | = 0.85 | |
| | (2) | 2 | 5.30 | 0.50 | 0.23 | = 1.21 | |
| | (3) | 2 | 4.70 | 0.50 | 0.23 | = 1.08 | |
| | (4) | 2 | 6.00 | 0.50 | 0.23 | = 1.38 | |
| | (5) | 2 | 5.90 | 0.50 | 0.23 | = 1.35 | |
| | (6) | 2 | 5.80 | 0.50 | 0.23 | = 1.33 | |
| | (7) | 2 | 5.95 | 0.50 | 0.23 | = 1.36 | |
| | (8) | 2 | 6.15 | 0.50 | 0.23 | = 1.41 | |
| | (9) | 2 | 5.90 | 0.50 | 0.23 | = 1.35 | |
| | | | | | | 11.32 | |
| | Limited to | | | | | 11.16 cm | 3 |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | @ Rate 5305.39 |
| (1) | providing & re propping etc & re beams haunch Lintel not exc materials lab (1) |
| | (2) |

| Contents | Reference to last Measurement |
|---|---|
| 7 | 8 |
| wall 5cm in | |
| stones chisel | |
| 15cm Light band | |
| course including | |
| ing etc complete | |
| 0.85 | |
| 1.21 | |
| 1.08 | |
| 1.38 | |
| 1.35 | |
| 1.33 | |
| 1.36 | |
| 1.41 | |
| 1.35 | |
| 11.32 | |
| 11.16m³ | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

495404

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | @ Rate 5305.30/m³ | | | | | 11.16m³ = 59207.14 | |
| | (P) providing & removing centering shuttering struting propping etc & removal of form work for sides & soffit of beams benchings cantilever girder bressummers & Lintel not exceeding 1m in depth including cost of all materials labour complete. | | | | | | |
| | (1) | 1 | 3.70 | 0.60 | — | 2.22 | |
| | | 2 | 3.70 | 0.23 | — | 1.70 | |
| | | 2 | 1.80 | 0.23 | — | 0.82 | |
| | (2) | 1 | 5.30 | 0.60 | — | 3.18 | |
| | | 2 | 5.30 | 0.23 | — | 2.43 | |
| | | 2 | 1.80 | 0.23 | — | 0.82 | |
| | | | | | | 11.17 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | 11.17 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (3) | 1 | 4.70 | 0.60 | – | 2.82 | |
| | | 2 | 4.70 | 0.23 | – | 2.16 | |
| | | 2 | 1.80 | 0.23 | – | 0.82 | |
| | (4) | 1 | 6.00 | 0.60 | – | 3.60 | |
| | | 2 | 6.00 | 0.23 | – | 2.76 | |
| | | 2 | 1.80 | 0.23 | – | 0.82 | |
| | (5) | 1 | 5.90 | 0.60 | – | 3.54 | |
| | | 2 | 5.90 | 0.23 | – | 2.71 | |
| | | 2 | 1.80 | 0.23 | – | 0.82 | |
| | (6) | 1 | 5.80 | 0.60 | – | 3.48 | |
| | | 2 | 5.80 | 0.23 | – | 2.66 | |
| | | 2 | 1.80 | 0.23 | – | 0.82 | |
| | (7) | 1 | 5.95 | 0.60 | – | 3.57 | |
| | | 2 | 5.95 | 0.23 | – | 2.73 | |
| | | 2 | 1.80 | 0.23 | – | 0.82 | 45.29 |

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

| Date | Full description, etc, o |
|---|---|
| 1 | 2 |
| | @ Rate 27 |

K

| epth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| | 11.17 | |
| | 2.82 | |
| | 2.16 | |
| | 0.82 | |
| | 3.60 | |
| | 2.76 | |
| | 0.82 | |
| | 3.54 | |
| | 2.71 | |
| | 0.82 | |
| | 3.48 | |
| | 2.66 | |
| | 0.82 | |
| | 3.57 | |
| | 2.73 | |
| | 0.82 | 45.29. |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....

Name of Work ..... From..... To..... 495405

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 45.29. 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | (8) | 1 | 6.15 | 0.60 | — | 3.69 | |
| | | 2 | 6.15 | 0.23 | — | 2.82 | |
| | | 2 | 1.80 | 0.23 | — | 0.82 | |
| | (9) | 1 | 5.90 | 0.60 | — | 3.54 | |
| | | 2 | 5.90 | 0.23 | — | 2.71 | |
| | | 2 | 1.80 | 0.23 | — | 0.82 | |
| | | | | | | 59.69 m² | |
| | | | | Limited to | | 55.65 m² | |
| | (8) Rate 271.36/m² | | | | | = 15915.26 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Hyder Lehar house Road | | | | | | |
| | | 2 | 30.00 | 0.40 | – | 24 | |
| | | 2 | 30.00 | 0.40 | – | 24 | |
| | | 2 | 30.00 | 0.40 | – | 24 | |
| | | 2 | 11.00 | 0.40 | – | 8.80 | |
| | | 2 | 9.00 | 0.40 | – | 7.20 | |
| | @ Rate 993.22/m² | | | | | 88.0 m² | |
| | | | | | | = 87403.36 | |
| (14) | Precast slabs 20 m.m & down size for slab including centering & shuttering M/c mixed concrete laid in layers not exceeding | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | 15cms thick Labour Hom Hyderlehar t |
| | Execut |
| | cross Road |
| | Ambedkar No |
| | 3rd cross Balore |
| | Roads |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| – | 24 | |
| – | 24 | |
| – | 24 | |
| – | 8.80 | |
| – | 7.20 | |
| | 88.0 24 | |
| | = 87403.36 | |

down Rate for flat
uttering M/C mixed
not Exceeding

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

Serial No. .....
Name of Work ..... From..... To..... 495410
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | 15cms thick well compacted cost of all materials labour Hom & machinery curing etc complete Hydrachain House Road Bellahally. | | | | | | |
| | | 1 | 30.00 | 0.90 | – | 27.00 | |
| | | 1 | 30.00 | 0.90 | – | 27.00 | |
| | | 1 | 30.00 | 0.90 | – | 27.00 | |
| | | 1 | 11.00 | 0.90 | – | 9.90 | |
| | Cross Road | 1 | 30.00 | 0.90 | – | 27.00 | |
| | Ambedkar Nagara | 1 | 30.00 | 0.90 | – | 27.00 | |
| | 3rd cross Balance | 2 | 30.00 | 0.90 | – | 54.00 | |
| | Loop | 2 | 30.00 | 0.90 | – | 54.00 | 225.90 |

Executive Engineer

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents 225.90 | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | C&FC | 2 | 30.00 | 0.90 | — | 54.00 | |
| | | 2 | 30.00 | 0.90 | — | 54.00 | |
| | Executive Engineer | 2 | 30.00 | 0.90 | — | 54.00 | |
| | | 2 | 30.00 | 0.90 | — | 54.00 | |
| | C&FC | 2 | 30.00 | 0.90 | — | 54.00 | |
| | | 2 | 30.00 | 0.90 | — | 54.00 | |
| | | 2 | 7.20 | 0.90 | — | 12.96 | |
| | | 2 | 4.10 | 0.90 | — | 7.38 | |
| | | | | | | 570.24 m² | |
| | @ Rate 1856.67/m² | | | | | = 1058747.50 | |
| | (15) providing & laying C.C using 20mm & down size granite Jelly & Readdy mixed Concreate | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

| Date | Full description, etc, |
|---|---|
| 1 | 2 |
| | for R.C.C |
| | compacted |
| | c.m thick |
| | with nec |
| | Plaging |
| | Hyder Colony |
| | Roads C&FC |
| | For Concrete |
| | Roads |
| | Sygas Alob |
| | Roads (Bella |

OOK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| — | 54.00 | |
| — | 54.00 | |
| — | 54.00 | |
| — | 54.00 | |
| — | 54.00 | |
| — | 54.00 | |
| — | 12.96 | |
| — | 7.38 | |
| | 570.24 sq.m | |
| | = 1058747.50 | |

ng 20mm & down
mixed Concrete

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495411

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | for R.C.C work 1:2 in compacted vibrating c.m form work & scaffolding with necessary c.m form work etc complete | | layers in 15cm thick layers & wet curing finishing with necessary to withstand pumping | | | | |
| | Playing Course Hyder Ibram Hoote Roads C & RC Road 17/11/2018 | 2 | 30.00 | 0.25 | 0.05 = 0.75 | | |
| | | 2 | 30.00 | 0.25 | 0.05 = 0.75 | | |
| | | 2 | 30.00 | 0.25 | 0.05 = 0.75 | | |
| | | 2 | 11.00 | 0.25 | 0.05 = 0.27 | | |
| | For Concreat Road Syyas Alobas | 1 | 15.00 | $\frac{5.50+4.90}{2}$ | × 0.10 = 7.80 | | |
| | | 1 | 15.00 | $\frac{4.90+5.10}{2}$ | × 0.10 = 7.50 | | |
| | Road (Bellahally) | 1 | 15.00 | $\frac{5.10+4.6}{2}$ | × 0.10 = 7.27 | | |
| | | | | | | 25.09 | |

17/11/18

Executive Engineer

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents 25.09. | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Cross Road | 1 | 15.00 | $\frac{4.10+4.6}{2}$ | x0.10 | = 6.52 | |
| | | 1 | 15.00 | $\frac{4.10+4.70}{2}$ | x0.10 | = 6.60 | |
| | | 1 | 15.00 | $\frac{4.10+4.70}{2}$ | x0.10 | = 6.60 | |
| | | 1 | 15.00 | $\frac{4.70+4.9}{2}$ | x0.10 | = 7.20 | |
| | | 1 | 15.00 | $\frac{4.9+4.10}{2}$ | x0.10 | = 6.75 | |
| | | 1 | 3.00 | $\frac{4.50+4.10}{2}$ | x0.10 | = 1.54 | |
| | 2nd Cross Road | 1 | 20.00 | 4.40 | x0.10 | = 8.80 | |
| | | 1 | 15.00 | $\frac{4.90+4.40}{2}$ | x0.10 | = 6.97 | |
| | | 1 | 15.00 | $\frac{4.40+4.50}{2}$ | x0.10 | = 6.67 | |
| | | 1 | 15.00 | $\frac{4.50+4.30}{2}$ | x0.10 | = 6.63 | |
| | | 1 | 15.00 | $\frac{4.30+4.50}{2}$ | x0.10 | = 6.26 | |
| | | | | | | 95.63 | |

C&F.C.
Executive Engineer
27/1

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | HICAN Hyde. Kha... Road |

C&F.C.
Executive Er...
27/1

BOOK

| ns | | Contents | Reference to last Measurement |
|---|---|---|---|
| adth 5 | Depth 6 | 25.09 7 | 8 |
| 4.10+4.60/2 | ×0.10 = 6.52 | | |
| 4.10+4.70/2 | ×0.10 = 6.60 | | |
| 4.10+4.70/2 | ×0.10 = 6.60 | | |
| 4.70+4.90/2 | ×0.10 = 7.20 | | |
| 4.90+4.10/2 | ×0.10 = 6.75 | | |
| 4.50+4.10/2 | ×0.10 = 1.54 | | |
| 4.40 ×0.10 = 8.80 | | | |
| 4.90+4.40/2 | ×0.10 = 6.97 | | |
| 4.40+4.50/2 | ×0.10 = 6.67 | | |
| 4.50+4.30/2 | ×0.10 = 6.63 | | |
| 4.30+4.10/2 | ×0.10 = 6.26 | | |
| | | 95.63 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495412

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | C&FC. & Executive Engineer 27/1 | 1 | 15.10 | 4.50+4.20/2 | ×0.10 = | 6.56 | |
| | | 1 | 15.10 | 4.20+4.45/2 | ×0.10 = | 6.52 | |
| | | 1 | 15.10 | 4.45+4.30/2 | ×0.10 = | 6.60 | |
| | | 1 | 15.10 | 4.50+4.55/2 | ×0.10 = | 6.78 | |
| | | 1 | 15.10 | 4.55+4.50/2 | ×0.10 = | 6.78 | |
| | | 1 | 15.10 | 4.45+4.50/2 | ×0.10 = | 6.71 | |
| | | 1 | 15.10 | 4.55+4.50/2 | ×0.10 = | 6.41 | |
| | HIGH Hyder Khan Road | 1 | 20.1 | 4.50/2 | ×0.10 = | 9.00 | |
| | | 1 | 11.10 | 4.50+4.20/2 | ×0.10 = | 11.51 | |
| | | 1 | 15.10 | 3.00 | × 0.10 = | 5.40 | |
| | | 1 | 15.10 | 4.00+5.20/2 | ×0.10 = | 6.90 | |
| | | | | | | 174.80 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | C/F C/O 17/11/2018 | | | | | 174.80 | |
| | | 1 | 15.00 | $\frac{5.10+3.85}{2}$ | X 0.10 | = 6.83 | |
| | | 1 | 15.00 | $\frac{3.85+4.20}{2}$ | X 0.10 | = 6.03 | |
| | | 1 | 4.80 | $\frac{4.20+4.50}{2}$ | X 0.10 | = 2.08 | |
| | | 1 | 15.00 | $\frac{3.70+2.9}{2}$ | X 0.10 | = 4.95 | |
| | | 1 | 11.00 | $\frac{2.90+4.60}{2}$ | X 0.10 | = 4.12 | |
| | | 1 | 12.00 | $\frac{2.95+4.80}{2}$ | X 0.10 | = 4.47 | |
| | | | | | | 203.08 m³ | |
| | @ Rate 6231.74/m³ | | | | | M = 1265491.75 | |
| | (16) Vacuum Dewatering with vacuum pump & suction mat & compaction with 5 HP after clubb - ed with floating disc including cost of generator HSD & machinery Speed vibratory power float blade & disc etc with all load & complete | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| 6.63 | X 0.10 = 6.63 | 174.80 |
| 1.70 | X 0.10 = 6.03 | |
| 2.08 | X 0.10 = 2.08 | |
| 2.9 | X 0.10 = 4.95 | |
| 4.60 | X 0.10 = 4.12 | |
| 4.80 | X 0.10 = 4.47 | |
| | 203.08 m³ | |
| | = 1265541.75 | |
| | Vacuum pumps & | |
| | slum after clubb | |
| | cost of generator | |
| | tory power floater | |
| | d etc complete | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

495413

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | 1 | 15.00 | 5.10+4.90 | | = 78.00 | |
| | | 1 | 15.00 | 4.90+5.10 | | = 75.00 | |
| | | 1 | 15.00 | 5.10+4.60 | | = 72.75 | |
| | | 1 | 15.00 | 4.10+4.6 | | = 62.25 | |
| | | 1 | 15.00 | 4.10+4.60 | | = 62.25 | |
| | | 1 | 15.00 | 4.40+4.90 | | = 66.00 | |
| | | 1 | 15.00 | 4.90+4.40 | | = 66.00 | |
| | | 1 | 15.00 | 4.40+4.9 | | = 72.00 | |
| | | 1 | 3.60 | 4.40+4.10 | | = 15.48 | |
| | | 1 | 20.00 | 4.4 | | = 88.00 | 657.73. |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | 657.73 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 15.10 | $\frac{4.99+4.40}{2}$ | | = 69.75 | |
| | | 1 | 15.10 | $\frac{4.40+4.45}{2}$ | | = 66.75 | |
| | | 1 | 15.10 | $\frac{4.50+4.25}{2}$ | | = 66.37 | |
| | | 1 | 15.10 | $\frac{4.25+4.10}{2}$ | | = 62.62 | |
| | | 1 | 15.10 | $\frac{4.50+4.25}{2}$ | | = 65.62 | |
| | | 1 | 15.10 | $\frac{4.25+4.45}{2}$ | | = 65.25 | |
| | | 1 | 15.10 | $\frac{4.45+4.25}{2}$ | | = 66.10 | |
| | | 1 | 15.10 | $\frac{4.50+4.55}{2}$ | | = 67.87 | |
| | | 1 | 15.10 | $\frac{4.55+4.50}{2}$ | | = 64.12 | |
| | | 1 | 15.10 | $\frac{4.45+4.40}{2}$ | | = 63.10 | |
| | | 1 | 15.10 | $\frac{4.55+4.50}{2}$ | | = 64.12 | |
| | | 1 | 20 | × 4.10 | | = 82.00 | |
| | | 1 | 11.10 | × $\frac{4.10+2.25}{2}$ | | = 66.06 | |
| | | | | | | 1513.26 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | ⊕ Rate 95.40/- |

OOK

| th | Depth 6 | Contents 657.73 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | 4.40 | = 69.75 | |
| | 4.45 | = 66.75 | |
| | 4.25 | = 66.37 | |
| | 4.10 | = 62.62 | |
| | 4.25 | = 65.62 | |
| | 4.45 | = 65.25 | |
| | 4.35 | = 66.10 | |
| | 4.55 | = 67.87 | |
| | 4.50 | = 64.12 | |
| | 4.60 | = 63.10 | |
| | 4.50 | = 64.12 | |
| | | = 84.10 | |
| | 10+12.21 2 | = 446.06 | 1513.26. |

7 (Rule 116)
ent Book

**No. B**

495414

Serial No. ..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 1513.26. 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | 1 | 15.20 | 3.6 | — | = 54.10 | |
| | | 1 | 15.10 | $\frac{4.10+5.20}{2}$ | — | = 69.10 | |
| | | 1 | 15.10 | $\frac{5.10+3.8}{2}$ | — | = 66.37 | |
| | | 1 | 15.10 | $\frac{3.8+4.20}{2}$ | — | = 60.37 | |
| | | 1 | 15.10 | $\frac{3.70+2.9}{2}$ | — | = 49.10 | |
| | | 1 | 4.80 | $\frac{4.20+4.00}{2}$ | | = 19.68 | |
| | | 1 | 11.10 | $\frac{2.90+4.60}{2}$ | | = 44.25 | |
| | | 1 | 12.80 | $\frac{2.95+4.50}{2}$ | | = 44.70 | |
| | | | | | | 1918.73 m² | |
| | | | | | | = 1829.89=60 | |

Rate 95.40/m³

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (17) | providing groove cutting for concreate pavement width of 5mm to 10mm & depth from 5mm to 100mm including cost of cutting making generator Hour of machinery including cost of blade coolant etc including cleaning of grooves & providing sand & bituminic filler & filler material etc complete | 3 | $\frac{5.50+4.9}{2}$ | — | — | 15.6 | |
| | | 1 | 15 | — | — | 15.10 | |
| | | 3 | $\frac{4.9+5.10}{2}$ | — | — | 15.10 | |
| | | 1 | 15 | — | — | 15.10 | |
| | | 3 | $\frac{4.6+5.10}{2}$ | — | — | 14.55 | |
| | | 1 | 15 | — | — | 15.10 | |
| | | | | | | 90.15 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |

BOOK

| Depth | Contents | Reference to last Measurement |
|---|---|---|
| 6 | 7 | 8 |
| | Concreate pavement | |
| | Thickness - 100 mm | |
| | cutting machine generator | |
| | cutting cost of blade | |
| | cutting of grooves & | |
| | filling of filler material | |
| — | 15.6 | |
| — | 15.10 | |
| — | 15.10 | |
| — | 15.10 | |
| — | 14.55 | |
| — | 15.10 | |
| | 90.15 | |

57 (Rule 116)
ment Book

**No. B**

495415

Serial No. .....

Name of Work ..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 90.15 7 | 8 |
| | | 3 | $\frac{4.10+4.6}{2}$ | — | — | 13.05 | |
| | | 1 | 15 | — | — | 15.10 | |
| | | 3 | $\frac{4.10+4.6}{2}$ | — | — | 13.05 | |
| | | 1 | 15 | — | — | 15.10 | |
| | | 3 | $\frac{4.10+4.70}{2}$ | — | — | 13.2 | |
| | | 1 | 15.10 | — | — | 15.10 | |
| | | 3 | $\frac{4.10+4.70}{2}$ | — | — | 13.20 | |
| | | 1 | 15.10 | — | — | 15.10 | |
| | | 3 | $\frac{4.70+4.9}{2}$ | — | — | 14.40 | |
| | | 1 | 15.10 | — | — | 15.10 | |
| | | | | | | 232.05 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 137.20 8 |
| | | 1 | 20.10 | $\frac{5.70+5.85}{2}$ | | x 0.082 = 9.52 | |
| | C & FC | 1 | 20.10 | $\frac{5.70+5.85}{2}$ | | x 0.084 = 14.29 | |
| | | 1 | 30.10 | $\frac{5.85+5.80}{2}$ | | x 0.082 = 14.41 | |
| | ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ | 1 | 10.10 | $\frac{5.80+5.90}{2}$ | | x 0.082 = 4.82 | |
| | ⑧ Rate 73.12/m³ | | | | | = 35700.82 | 153.24/m³ |
| (21) | Lead for Disposal of Debris shall be payable at carriage rates by mechanical means including loading & unloading etc complete Qty is as per Item no 1 | | | | | = 82.14 m³ | |
| | | | | | | = 60041.75 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | Add for 10% for KRIDL | |
| | Add do 1% for Labour | |

22/11/16
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BOOK

| ons Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | 70+5.85 / 2 | x0.0825 = 9.52 | 137.20 |
| | 70+5.85 / 2 | x0.0825 = 14.29 | |
| | .85+5.80 / 2 | x0.0825 = 14.41 | |
| | .80+5.90 / 2 | x0.0825 = 9.82 | |
| | | 183.24 | |
| | | Rs = 357002.82 | |
| | | e shall be payable | |
| | | ical means including | |
| | | Complete | |
| | | = 82.14 m² | |
| | | = 60041.75 | |

57 (Rule 116)
ment Book

**No. B**

495420

Serial No. ..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | | | Total Rs | | 67247858=87 | |
| | Add for 10% for KRIDL Charges | | | = Rs | | 6724758 | |
| | Add do 1% for Labour Cess | | | = | | Rs 672477=55 | |
| | | | | Total | | Rs 7464479=00 | |
| | | | | | | 671515=00 | |
| | | | | TOTAL | | 671594=00 | |
| | | | | KRIDL Charges | 10% | 67159=00 | |
| | | | | Labour Cess | 1% | 6715=00 | |
| | | | | Total Rs. | | 7453754=00 | |
| | | | | | | Rs. 7453754=00 | |

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Certificate:- (1) It is certified that the above work is done satisfactorily<br>(2) The above bill amount is not claimed in any of privious bills | | | | | | |

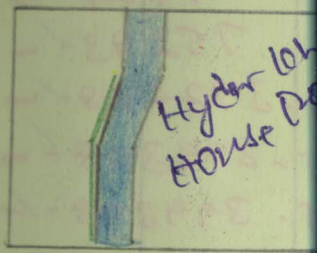
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Assistant Executive Engineer
Byatarayanapura Sub-Divisit
KRIDL, BBMP, Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| | 2 |




Bdal

Ba

BOOK

| s | | Contents | Reference to last Measurement |
|---|---|---|---|
| adth | Depth | | |
| 5 | 6 | 7 | 8 |
| | | stities Until the done Satisfactorily ement is not f privious bill | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Assistant Executive Engineer
Byatarayanapura Sub-Divisi
KRIDL, BBMP, Bangalore

57 (Rule 116)
ment Book

No. B

495421

Serial No. .....
Name of Work ..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work ..... Ambedkar Nagara → New Slab Drain

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Hydar Lohani House Road | | | | | | |
| | Bdalally Quary Road | | | | | | |
| | Ballahally Village | | | | | | |
| | Bayyapa Hand | | | | | | |
| | Bangalur Main Road | | | | | | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಉಪ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ

# MEASUREMENT

| Date | Full description, etc, of work | Dimensio | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| | | Number | Length | Br | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | Total Rs: 74,53,754-00 | |
| | | | | | IT - 149075-00 | |
| | | | | | Cess - 74538-00 | |
| | | | | | CBT - 7454-00 | |
| | | | | | LR 75283-00 | |
| | | | | | FSD - 372688-00 | |
| | | | | | CGST - 399308-00 | |
| | | | | | SGST - 399308-00 | |
| | | | | | Adv. 14776 54- | |
| | | | | | Chqn: 59,76,100- | |

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 74,53,754-00

ಗಳಿಗೆ ಹಾಸು ಮೂಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 14776 54-00

ಪೂರ್ವಾಪರಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 59,76,100-00

Rs: Fifty nine lakh Seventy six Thousand One hundred only.

ಮೇಲೆ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 27/11

ಸಹಾಯಕ ಅಭಿಯಂತರರು 27/11

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 27/11

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency ...

Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |